# Elvax® resins Product Data Sheet

## Description

### Product Description
DuPont™ Elvax® 560A is an ethylene-vinyl acetate copolymer resin for use in industrial applications.

## Restrictions

### Material Status
- Commercial: Active
- Europe, Middle East

## Typical Characteristics

### Composition
- 15% By Weight Vinyl Acetate comonomer content
- Thermal Stabilizer: BHT antioxidant

### Applications
Elvax® resins can be used in a variety of applications involving molding, compounding, extrusion, adhesives, sealants, and wax blends. For additional information and properties associated with specific applications, please refer to the Grade Selector Guides found on the Elvax® website for industrial applications. [http://www.dupont.com/industrial-polymers/elvax/index.html](http://www.dupont.com/industrial-polymers/elvax/index.html).

## Typical Properties

### Physical
- **Density (g/cm³)**
  - Nominal Value: 0.94
  - Test Method(s): ASTM D792, ISO 1183
- **Melt Flow Rate (190°C/2.16kg)**
  - Nominal Value: 2.5 g/10 min
  - Test Method(s): ASTM D1238, ISO 1133

### Thermal
- **Melting Point (DSC)**
  - Nominal Value: 91°C (165°F)
  - Test Method(s): ASTM D3418, ISO 3146
- **Freezing Point (DSC)**
  - Nominal Value: 74°C (165°F)
  - Test Method(s): ASTM D3418, ISO 3146
- **Vicat Softening Point (°C)**
  - Nominal Value: 66°C (151°F)
  - Test Method(s): ASTM D1525, ISO 306

## Processing Information

### General
- **Maximum Processing Temperature (°C)**: 230°C (446°F)
- **General Processing Information**
  Elvax® resins can be processed by conventional thermoplastic processing techniques, including injection molding, structural foam molding, sheet and shape extrusion, blow molding, and wire coating. They can also be processed using conventional rubber processing techniques such as Banbury, two-roll milling, and compression molding.

  Elvax can be used in conventional extrusion equipment designed to process...
polyethylene resins. However, corrosion-protected barrels, screws, adapters, and
dies are recommended, since, at sustained melt temperatures above 446°F
(230°C), ethylene vinyl acetate (EVA) resins may thermally degrade and release
corrosive by-products.

FDA Status Information

ELVAX® 560A EVA Resin complies with Food and Drug Administration Regulation
21 CFR 177.1350(a)(1) - Ethylene-vinyl acetate copolymers, subject to the
limitations and requirements therein. This Regulation describes polymers that may
be used in contact with food, subject to the finished food-contact article meeting the
extractive limitations under the intended conditions of use, as shown in paragraph
(b)(1) of the Regulation.

The information and certifications provided herein are based on data we believe to
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their use.

Safety & Handling

For information on appropriate Handling & Storage of this polymeric resin, please
refer to the Material Safety Data Sheet.

A Product Safety Bulletin, Material Safety Data Sheet, and/or more detailed
information on extrusion processing and/or compounding of this polymeric resin for
specific applications are available from your DuPont Packaging and Industrial
Polymers representative.

Read and Understand the Material Safety Data Sheet (MSDS) before using this product

Regional Centres

DuPont operates in more than 70 countries. For help finding a local representative, please contact one of the
following regional customer contact centers:

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